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The Mega STE

Rounding Out Atari's Lineup
for the 1990's



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X-Press
Codekeys
AdSpeed
And More

Newsnotes

January, 1991 • Vol. 2, No. 1

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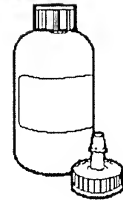
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DEC LA 50/La50R-06
NEC 8023 AA/Prescom
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Reg. \$67 Value

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N O A H orthern hio tari elpers Newsnotes

January 1991
Vol. 2, Issue 1

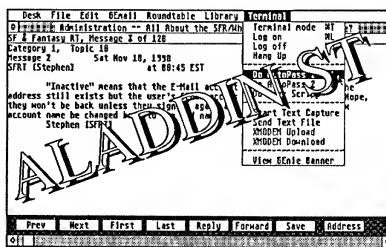
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THIS MONTH'S COVER DISK:

This month we've got an extra special disk for you—a disk packed with CodeHead software demos, plus the latest versions of the shareware programs from CodeHead and Little Green Footballs. Enjoy!

Coming Next Month:



The Editor's Corner



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A Bold New Year

As it seems to be a requirement for editors in this month, I guess it is time for me to pull out my crystal ball and make a few predictions about Atari's fate for 1991. I'm not sure my opinion counts any more than anyone else's, but let me share it with you anyway.

I've been an avid supporter of Atari for many years now, and while I wish them all the luck in the world, I find I can't recommend the computer anymore to friends. I think you all know why—lack of support from Atari, to the point of almost totally abandoning US owners.

It takes a special kind of person to become an Atari enthusiast, one who is willing to overlook the major hassles of owning an Atari computer, who doesn't mind being laughed at

by other computer owners. Our sole consolation is that our computer is still up to the challenges we throw at it, still able to perform those tasks we ask it to do.

Atari does have a winning lineup with their new computers—the 1040STE for home use, the Mega STE for small business use, and the TT as a graphics workstation and big business machine. But these new computers are of little use to people who don't know they exist, or who can't buy one because there are no local dealers.

I've lived with a computer from a company in limbo for three years now. When the time finally comes for a new computer, I hope that I find a new Atari, a Rip Van Winkle that has finally awakened out of a marketing slumber. I mean, I can always dream, can't I? **A**

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A subscription to the N.O.A.H. Newsnotes is included with each N.O.A.H. membership. Annual dues cover the subscription cost.

Membership Dues:

One year membership with newsletter:	\$18.00
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This publication is created using an Atari Mega ST2 computer with a monochrome monitor and a QMS-PS810 Postscript laser printer. PageStream is used for page layout, WordPerfect ST is used to edit articles, and TypeStyler (a Macintosh program run via Spectre GCR) is used for most headlines.

NOAH NEWS

Happy New Year to one and all out there. I hope 1991 will bring all of you good health, happiness and prosperity. I continue to wish that of Atari also but for some reason they refuse to listen to me. That's not to say that the Tramiels are not healthy, happy or prosperous. Atari U.K. is making money hand over fist, no mention of any of the Atari family being sick and with both of those it's usually assumed that people are happy. I just wish I

could be in the same frame of mind about them and their company. We did see the STE this year as promised so I guess one out of a million isn't all that bad but I sure would like to see some of the promises which flow so abundantly from Sunnyvale come to be. Maybe 1991 will be the Year Of Atari... That was a joke!



Enough of that. Let me thank all of the people who made N.O.A.H. grow last year and hopefully this year. First, Kevin Steele. Without his expertise this newsletter would not be of the high quality it is. He has gotten us notice from around the country and I just sent off a few copies to Europe User Groups and we hope to hear from them soon. Next are Brenda and John Giguere who worked behind the scenes for the most part maintaining the PD library for us. A catalogue is due out very soon so look for that also. The contributing writers come next. Bob Coulter, Rick Gridley, Steve Giguere, Rick Ortman, John Derner, Cliff Scott, Dale Kelsey and probably a few more who I apologize to now but the list does get a little long.

The new year, what will happen? Well, the TT's and the MEGA STE's are due in around the middle of January(?). We'll see. Rumors are that Atari will sell off the Lynx to Warner. Not a bad move. Should make some money and allow them to concentrate on computers of a business nature. To you... hopefully everything you've dreamed of will happen or begin to happen for you. I wish all the best to you and your family and loved ones. Peace got a good start in 1990 and we all hope that continues...

Till next year,

Doug Novak

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Publishing Pointers

Desktop Publishing for the Home

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Okay, in a previous column I discussed desktop publishing as a business. This month, I'll take a look at desktop publishing from a home computing viewpoint. After all, most Atari computers are being used in a home setting, so it's only fair that I take a look at this side of the coin.

DTP in the Home

First off, I know a lot of people who own desktop publishing programs. Second, I know a lot of people who aren't really using their desktop publishing programs. When you first buy a desktop publishing package, the rush of power it gives you is tremendous. I mean, where once you were happy with plain old dot-matrix 10-characters-per-inch text, now you suddenly find yourself with nearly unlimited fonts, in any size, with text anywhere on the page you care to place it!

Flushed with eager excitement, you look around for something, anything, to desktop publish. But what? Unless you're active in a church or civic group, a club, or some other organized activity, odds are you're stuck for ideas on what to print with your neat new program. For a lot of people, that initial excitement soon turns to frustration, not at the program, but at the lack of uses they have for it.

Brainstorming Time

There ARE uses for a desktop publishing program at home, but they're a lot harder to think of than are the business applications. However, almost everyone uses a word processor, and a desktop publisher can be used to add an 'extra sparkle' to your letters. The ability to add pictures to your text is a tremendous asset provided by desktop pub-

lishing. They say a picture is worth a thousand words—think of all the letter-writing time you'll save!

The following are a few home desktop publishing ideas. These aren't necessarily great ideas, but they can serve as a starting point for your own projects. Take this list as a starting point for your own imagination:

Home Inventory List

Grocery Shopping List Form

(with aisle numbers and a list of items in each aisle)

Exercise Record

Report Card Tracking Form

Annual Christmas Newsletter

(include it with your Christmas Cards)

Custom Greeting Cards

"To Do" List

Reminder Notice

(Soccer on Tuesdays, Dentist on Wednesday, etc.)

Fancy Return Address Labels

Recipe Cards

Change of Address Cards

Custom Calendars

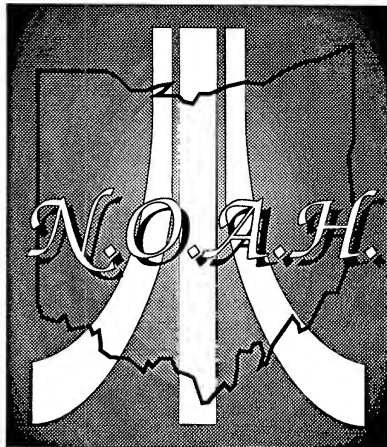
Hmmm...I had planned on providing a list of something like '101 Home DTP Ideas,' but I ran



up with home-based ideas than I thought! Well, I guess it just demonstrates the fact that there really aren't that many obvious uses for desktop publishing around the home.

In other words, you might be making a mistake buying a desktop publishing program if you don't belong to an organization that requires newsletters, notices, posters, and so on. Getting stuck with a program you have no use for may not be the case in certain situations, but it's a good thing to think about before you go and buy an expensive desktop publisher.

If you can sit down and crank out a long list of projects of yours that would benefit from being 'desktop published,' then you've got a genuine, justifiable need for a desktop publishing program. If, however, you draw a blank on how you'd really use a desktop publishing program, save your money. It'll save you a lot of guilt in the future. **A**

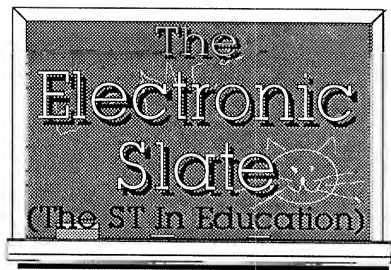


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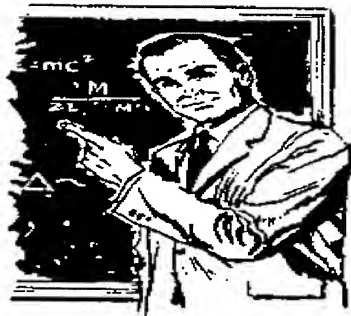
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STEELE
Writing Services



by Bob Coulter



X-PRESS WIRE SERVICE

As stated in my first article I teach social studies at the seventh & eighth grade level at West Geauga Middle School in Chesterland, Ohio. I have two Atari ST's in my classroom, a 520 and a 1040, which are used by both myself and my students.

On several occasions I'm asked if I make use of the ST's in the classroom? In this article I would like to tell you about what I feel is one of the most important services that every school should have, if possible. This service can be used with any computer, it just so happens that I use the ST, and the service is called X-Press.

The 520 ST, the old version with the external drive, is located in the front of the room and is connected to the wire service. For those who are not familiar with this service, it originates in Denver, CO and is transmitted by via satellite to various television cable companies throughout the United States. I must point out that not all cable companies carry the signal from X-Press, in fact some cable companies don't even know that it exists. This is true of Cablevision, which is in Chardon, for when I called them concerning X-Press they had no idea of what I was talking about.

The cable company that serves our school system is TCI and they do carry the signal. Once the basic cable system was installed in the social studies room (the school already had cable but it was not installed in all the rooms), and the school received the two deciphers from X-Press, I was up and running.

It was amazing, in matter of minutes I was receiving news from all over the world. I was getting stories not only from the United States but from Europe, Soviet Union, the Far East, Latin

America, and wherever news was occurring. In addition to news I was also able to obtain stories in such categories as weather, sports, entertainment, lifestyles, tech talk, and many other areas as well. On an average day I will receive close to 3,000 stories covering the categories listed, fantastic.

One of my objectives is to teach current events and can any of you think of a better way than X-Press? The answer is NO. Students can actually go home and inform their parents of news happenings before the newspapers print the story. Without a doubt this is one of the most valuable tools for current events in education that is available. Unfortunately many schools are not aware of such a service or the cable system that serves the school doesn't carry the signal.

Teaching my students how to use the system and the computer was extremely easy. It seems that today's teenagers have a knack for using electronic equipment, and computers are no exception. Within a matter of days the students became very comfortable working with the ST and using X-Press.

My major problem was how to provide time for the students to use the system during the class period. The only conclusion that I could arrive at was to shorten the amount of time that I spent teaching. Here's what I did.

I divided the class into five groups, each group having a different region of the world, and I allowed the last ten minutes of class time for one group to gather current events concerning their region. During this time they may also use X-Press to gather any other information that they wanted, such as sports, and weather. Those ten minutes was their time to browse through any

category that they wanted. Only requirement was that they had current events on the day that they were due.

I also permit the student groups to use the service during any free time that I may have in class. Examples of this would be after a test, worksheet or any reason that creates free time in my classroom. If students finish early on these days they were allowed to use the wire service.


At our school there is a four minute period of time from the end of one class to the beginning of the next class and if the students arrived with time to spare they are permitted to use the service. For the most part I don't have to worry about the boys being late. Since X-Press carries all the sports stories that you can imagine, they rush to get to my room to browse through the sport stories and print all the ones of interest to them. Once the bell rings to start class they are in their seats, it's a joy to watch.

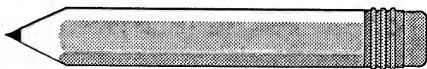
I even use the service during my free time to keep myself up to date on current events. There are times when an interesting story comes across and I will use it to create interesting discussions with all my classes. X-Press even provides such services as surveys, lesson plans from other teachers, forums that permit the students to send in their opinion by via of mail or modem, entertainment news, lifestyles, national & international weather, stock quotes and many other areas that can be of interest to both students and teachers.

This service has been invaluable to me as a means of achieving my goal of teaching current events. In several cases it has even sparked current event interest in many of my students. Over the past years the school has had many compliments concerning X-Press. Yes, without a doubt this service has been a very positive feature of not only my classes but to the school as a whole.

If anyone has any questions about X-Press please feel free to contact me at any time. The best way would be to leave me E-mail on the bulletin board. Or better yet you may contact X-Press directly by calling them at 1-800-7PC-News.

One final note concerning other cable companies. In talking with John Dernar (hope I spelled his name correctly), on the ST Nerd BBS, he stated that Cox Cable did carry the signal of X-Press. If so then I would highly recommend that any school that receives Cox cable should be informed of this service. If any of you live in the area serviced by Cox please check to see if your school system is aware of X-Press. It's worth it, believe me.

Next month I'll tell you more about how I use the ST in my classroom and other programs that are used by both the students and myself, the teacher. Till then... 

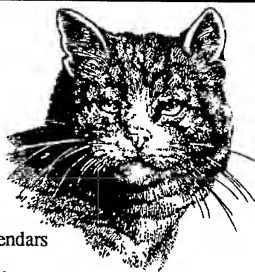


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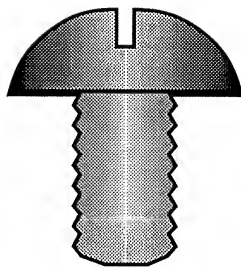
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Tricks 'n Tips



Installing ICD's ADspeed ST

by John Damiano, Transierra Technology

What is it? It's a 68000 Accelerator for the Atari ST line of computers. And it cooks. I decided to buy this hardware accelerator for my Mega 4 computer while talking to ICD at the Glendale Atari Show. I purchased it on the spot but it took a while to receive it. It finally arrived last week and I finally found the time to install it today.

Installation was somewhat traumatic but not difficult. My advice would be to take ICD up on their offer and send your computer and \$40.00 to them. However, if you want to do it yourself here are some recommendations. Tools you should have on hand are a phillips screwdriver, small sharp sidecutting dikes, some needle nose pliers, a 25 watt soldering iron or battery powered soldering iron and small diameter solder, a solder sucker, and some patience. A static suppression wrist strap is also a good idea but not mandatory.

First, you take apart your computer, a somewhat time consuming task consisting of removing the plastic covers and shielding, power supply and disk drive. You kind of feel your way along if you have never done it before. It's a logical operation. Disassembly of a 1040, 520 or Mega is a similar procedure. If you are going to upgrade to TOS 1.4 now is the time. I did this and also added a moniterm driver board. Really pushing my luck, I suppose.

Before touching anything on the board itself touch your hand to the ground plane around the edge. This *should* put your body at the same potential as the ground or common. If you move, get up, etc. do it again. Also, be aware that some of the cheaper soldering irons use an ungrounded tip and can generate static discharges. Having ICD

do it is starting to look better...no? With the PC board loose you simply cut off the 68000 by cutting each pin next to the chip body. (note which way the notched end of the 68000 points) I had to also eliminate the small daughter board on top. This required adding a single jumper. Their instructions make it quite clear.

You now have 40 legs sticking up where the 68000 used to be. Take the small iron and grab each leg with the small dikes while heating the connection. Wiggle the leg gently and pull it out when the solder holding it softens. If you get a tough one, go on and come back to it. I got all but 6 out easily. Some of those 6 were bent over on the bottom and some were attached to a large metal ground plane. I had to remove the solder from the bottom before I could get these last ones out.

Now you have to get the solder out of the holes. Take some very small diameter solder and add it to each hole. Although this may seem redundant, it will allow you to use the solder sucker more easily as the solder pool will transfer heat to the connection quickly. I sort of cheated on solder removal. I own an avionics business and so had an expensive PACE solder removal tool available. It made solder removal quick and easy but, I am sure with some patience, I could have cleaned the holes with a cheap solder sucker such as sold by Radio Shack. I did not test this theory however.

After all the holes are clean you install the supplied socket paying attention to getting the notch on the same end as the 68000 you removed. Now just hold it in place while you tack a couple of corners from the back side. Now solder the rest of the connections. Use plenty of solder as it needs to wick through the holes and solder the other side as well.

Inspect all connections for shorts between pins. I cleaned the board of flux with some flux

remover so I could see the connections a little better. Isopropyl alcohol and an old tooth brush (or even your wife's toothbrush) works fine.

Next, you reassemble the computer up to where you put the top cover on. Now take the ADspeed itself and line it carefully up with the socket. If the pins don't line up exactly you should make sure they do so none get bent while pushing the unit into the socket. It did not push in easily. I had to exert a lot of pressure. This is normal with a new socket. Start one end then go to the other end. You kind of work it down into place.

That's it. You can add a hardware switch if you like at this point. This involves soldering two wires in place of a jumper and running them to a SPST switch. You have to drill a hole somewhere to add this and I choose not to do so at this time. The switch allows you to change from 8 MHZ to 16 MHZ speed easily. You can do the same thing using the ACC they supply or a 16/8 speed set program. Using Deskmanager or Superboot you can configure the system at boot up for whatever you are going to do. I may add the switch later if events warrant it.

Once the computer is reassembled you have to test it. I always dread this part. What if I have taken a perfectly good computer and turned it into a perfectly dead one. No problem this time. It booted up totally ignorant of the fact I had just given it a heart transplant. After it booted up I copied the ICD supplied software to the auto folder and root of the boot disk. I rebooted and it came right back up. Gosh, twice in a row! I set it

up to run in 16 Mhz mode and it flies...it really does. It's like having a new computer. Except it's still the friendly ST I have grown to know and love.

I have not found anything that is incompatible with it so far. I will keep checking but I am not going out of the way to find something. If it shows up in routine use I'll let ICD know about it. The one I received was supposed to be a gamma release (whatever that means) but it seems flawless so far. I would expect nothing less from ICD. They have shown that their standards are very high by the quality of their other products. ADspeed works as advertised. Buy it and support ICD. They have another winner. **A**

Price:

\$299.00 suggested list, I believe.

I paid somewhat less since I was so bold as to accept the dreaded gamma edition.

Time to Install:

2 hours.

(I could do it in 1 hour but I hate to rush something like this.)

Where to buy it:

At this point only directly from ICD

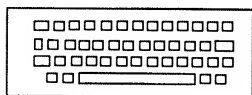
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CodeKeys from CodeHead Software:

Automated Action!

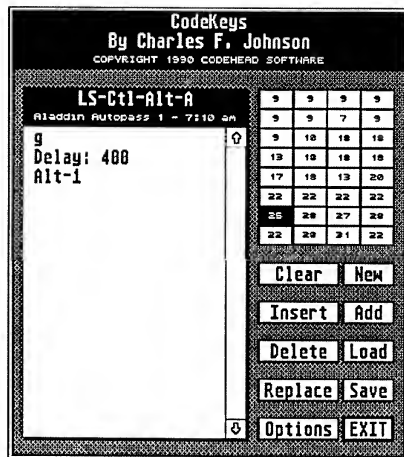
Review by Kevin Steele
Version Reviewed: 1.2

Imagine being able to record any actions you perform on your computer, and then being able to play back that recording. A program exists that will this, and much more. CodeKeys, from CodeHead software, is a new macro program that allows you to automate almost any sequence of mouse and keyboard actions on your ST, and replay the sequence.

Automation Automaton

Installing this "ghost" is quite simple. CodeKeys uses both an AUTO program and desk accessory. Once CodeKeys is installed, you can create macros by pressing a combination of keys to activate the "record" function. CodeKeys prompts you for the macro number (1-32), and the combination of keys that will call the macro. CodeKeys then records each key press or mouse button press until you press the "record" key combination again. You can record either "timed" or "untimed" macros.

CodeKeys actually only records what the manual calls "events", which are keypresses, mouse button presses, delays, and comments. CodeKeys only notes where the pointer is when the mouse is clicked—an interesting side-effect this is that you must click on the menu bar when you are going to be selecting an item in a drop-down menu. Otherwise, the mouse will never enter the menu bar when the macro is replayed, the drop-down menu will not appear, and the macro will try and select a menu item from a nonexistent drop-down menu.



Other than that, you can go about your normal business, with CodeKeys faithfully recording up to 128 actions per macro. CodeKeys supports up to 32 macros, and if this weren't enough, macros can call other macros, further expanding their power. If you still need more macros, CodeKeys allows you to "link" macro files to programs, having CodeKeys automatically load a set of macros when a program loads. When you exit a program, CodeKeys will restore your original set of macros.

A nice aspect of loading and saving macros is the fact that you are not forced to load or save an entire block of 32 macros. You can, for instance, have a block of 20 macros that you would like to load for Degas Elite, while leaving 12 system macros intact. Macro blocks are loaded in starting at macro number one, so any "global" macros that you wish to create should be stored in the higher numbered macro "slots".

The Accessory

While simply being able to record macros is great, what really makes CodeKeys shine is the ability to edit and "fine-tune" the macros you've created. This is where the CodeKeys desk accessory comes in. It is a sophisticated macro editor and manager, allowing you to cut-and-paste between macros, insert new actions, adjust macro timing, load new sets of macros, and more.

The main accessory screen gives you a number of editing choices, and you can easily copy macros by dragging one to a new position.

You also have a "Macro Options" dialog box, where you can assign a title to a macro, and can also define a number of unique macro characteristics. For instance, you can define a macro as a "scheduled" macro. This macro will automatically activate every day at the time you specify. You can also make a macro a repeating macro, and can define the interval between repeats, as well as the number of times the macro should repeat.

One macro in your default list can be set to "autorun" status. This macro will be executed as soon as the CodeKeys accessory loads. It is also possible to "lock" a macro, so that once the macro is started, it will continue uninterrupted until it is finished. Normally, you can abort any macro currently in progress by pressing a key or moving the mouse.

There are also some global options you can set within CodeKeys, including options to disable or enable all macros, scheduled macros, macro bells, linked files, and more. You can also set a global "lock" feature, which will make every macro a "locked" macro. You can re-define CodeKeys' "record" key combination, just in case the default combination conflicts with another program you use. You can even obtain a detailed printout of your macros.

Macro Action

CodeKeys is a powerful tool that takes time to control and appreciate. In fact, there is some inherent danger in using macros. Since CodeKeys macros are timing-specific, any timing irregularities (for example, a longer than expected disk save) can throw the timing of the macro off, creating the possibility for disaster if a command is executed at the wrong time. The best way to prevent this type of problem is to allow plenty of time in your macro for timing-sensitive portions, even adding additional delays in critical areas just to be safe.

I have found uses for CodeKeys in almost every program that I use. In fact, I have defined certain "global" macros which I can use in any program. For example, I have my name defined as a macro, and a simple Shift-Control-K will insert "Kevin Steele" anywhere I want, whether I be in WordPerfect or Flash. I've defined a macro for WordPerfect, which saves the current document, exits WordPerfect, loads PageStream, and imports the text into a letterhead template and then prints the finished letter. This process, which is normally somewhat tedious, becomes child's play with CodeKeys.

Macro Options

MACRO: 25
EVENTS: 3

TITLE

Aladdin Autopass 1 - 7:10 am

Repeat 0

Delay

Repeat 1

Scheduled

Time: 07:10:00 Repeats: 00

HH MM SS

Lock

Bell

Autorun

CANCEL

OK

The Good and The Bad

The major shortcoming to CodeKeys is, in my opinion, the lack of any type of "wait until event" functions. It would be helpful to have a "wait until disk access is finished" or "wait until screen re-draw is complete" type of function. CodeKeys is not crippled by this limitation, but it does require the user to be careful in designing macros, especially when "optimizing" macros which deal with timing-sensitive operations.

I must mention the exceptional program support offered from CodeHead Software. The manual is a well designed, concise 40 page guide to using CodeKeys. It lacks an index, but does include such niceties as a keyboard equivalents chart, a "tricks and tips" section, and a trouble-shooting guide.

The more you use CodeKeys, the more uses you'll find for it. It is one of those utilities whose usefulness grows with time. Add to that the wonderful support from CodeHead Software, and you've got a winner of a utility. With CodeKeys installed, there's no reason to complain that a software feature is tedious or awkward—just create a CodeKeys macro to take care of it! **A**

CodeKeys
 Retail Price \$39.95
 CodeHead Software
 P.O. Box 74090
 Los Angeles, CA 90004

Rumor

Mill

LDW Power 2.0 Now Shipping

The much rumored, much anticipated update to LDW is now shipping. LDW Power 2.0 is a powerful upgrade to the most popular spreadsheet for the Atari ST. Version 2.0 adds full macro compatibility with Lotus 1-2-3 version 2.2, and adds expanded graphing options, including 3-d graphs. The update is available for \$39.00, or \$19.00 for owners of LDW Power who purchased their copy after September 1st of this year.

Mega STE FCC Approved

The Mega STE has received FCC Class B (Consumer Use) approval! This is perhaps the first time that Atari has received FCC approval less than 30 days after announcing a new computer. Production has not fully 'ramped-up' yet for the Mega STE, but the computer is expected to start shipping sometime in January or February. Latest word on pricing is that the Mega STE will retail for \$1300.00, including a 40 megabyte hard drive. This is a price that seems geared to compete head-to-head with the new Macintosh Classic, which sells for about \$1400-\$1500 with two megs of RAM and a 40 megabyte hard drive.

TT Shipping! (Well, Sort Of)

The TT is now shipping, at least as a FCC Class A (Industrial Use Only) device. This rating requires a letter from the purchaser certifying that the computer only be used in an industrial or business setting. Atari has been selling the Stacy portable ST computer as a Class A device for a year now. No word on when the TT will be available for consumer-oriented computer dealers—we can only hope that Atari is re-submitting the TT to the FCC for a Class B rating...

Spectre 3.0

The latest update to the Spectre Macintosh emulator software should be shipping soon. This update, which adds a large number of features, was delayed due to the extent of the upgrade and the extensive number of beta test versions—over 18 revisions at last count. It seems that Dave Small and Doug Wheeler have had their hands full tracking down new bugs. Update information, including cost, will be provided in a newsletter from Gadgets By Small that should be mailed soon.

Turbo ST 1.84 Ready for Release

SoftTrek recently announced version 1.84 of Turbo ST, the software screen accelerator. The new update fixes a few bugs, improves display of non-byte aligned text in color, and includes special code to speed up WordPerfect and DynaCadd that was inadvertently left out of the 1.82 release. It now also runs on 68010, 68020, and 68030 CPUs, so it should now be TT compatible. The upgrade is available for \$5.00, or for free if you've already paid for the 1.82 update.

PageStream 2.0?

What ever happened to PageStream 2.0? This question has surfaced again, after a seven-month lull. Seems Amiga users will be getting version 2.1 before ST users get version 2.0. The reason? According to Soft Logik, they are just 'ironing out the bugs' in the 2.0 release. Since roughly two-thirds of the source code (written in C) was written to be machine independent, improvements in the Amiga version should lead to a more bug-free initial ST release. At least, that's what Soft Logik keeps saying. Nothing has been written specifically for the ST version yet, and no word on when work will begin has been given.

Rumor Mill

WordPerfect Bugs

After a three-month delay from the announced release date, a new update to WordPerfect ST finally shipped. While the new version adds a few new features and compatability with 68030 CPU's and Monitorm monitors, it also broke a few features. There are three problems reported so far: first, you can generate a two or three bomb crash when selecting 'Print' from the 'List Files' dialog box. Second, the cursor will sometimes mysteriously 'relocate' itself or vanish after you have saved a document. Third, when running from a two floppy system, the computer accesses drive A at strange, inappropriate times. No word yet on when any of the bugs will be exterminated.

SuperCharger 286 Upgrade

According to a sales rep for Talon Technologies, the 286 upgrade board for the SuperCharger IBM emulator should be available within a week or so. The board plugs into the V30 processor socket of the SuperCharger, and supposedly includes two slots for IBM expansion cards. The unit, when available, will retail for \$199.00. Contact Talon or RIO Computers for more information.

AT Speed EGA?

An interesting rumor this month centers on EGA graphics for the new AT Speed internal IBM 286 emulator. This rumored upgrade will display EGA graphics on a standard Atari color monitor. If you recall, PC Ditto II was supposed to have EGA graphics al-

ready on-board. Unfortunately the company folded before developing the driver software for EGA graphics. Talon has not yet confirmed or denied this rumor.

AdSpeed STE adapter

ICD recently announced that they are developing an STE adapter for their new AdSpeed 16Mhz accelerator. This adapter will allow 1040STE owners to share the benefits of a zippy 16Mhz 68000 CPU. Future Mega STE owners needn't worry about this adapter, as the Mega STE already has a 16Mhz CPU. The AdSpeed accelerator is rapidly becoming the 'accelerator of choice' in the ST community. **A**

**GOT A HOT RUMOR?
DON'T KEEP IT
UNDER YOUR HAT!**



PUZZLE BREAK

(Solution in next month's N.O.A.H. Newsnotes!)


ST GAMES

EZKXTGFECIVRESTNELISDTYAB
 RBVRRRETSAMNOEGNUDNJUFVZMA
 KKECKIXIQSSEHCELTTABLEVHU
 RKCABSEKIRTSSOAHCKKOCVSXN
 SFQBEGATSOHTYPLDGOGKBYEI
 HNBXVTUBSDIOETAGWODAHSDNG
 BTAKISAQKDBMRGHASIMCITYOU
 QXKIDIONAKRAAYENOMDOOLBNN
 SSPSRZNAMTABNAONOCCLAFGFIS
 SJLXIALNKJVDEAGBXZLCTGUIH
 CLAQNRBRRTTDNAMMOCELSSIMI
 ROTYYLTRJIIINO GARDELBUODKP
 KYODYAUEAEJQCHNMVPDECPBXB
 SOOJAGKWTBMZISUOLUOPTXIO
 AVNOVZMPXFRDKKHV GALSTIQOQ

Word List

ARKANOID	DUNGEON MASTER	POPULOUS
BARBARIAN	FALCON	QIX
BATMAN	GUNSHIP	SHADOWGATE
BATTLE CHES	HOSTAGE	SILENT SERVICE
BLOOD MONEY	MISSILE COMMAND	SIM CITY
CHAOS STRIKES BACK	ODS	TETRIS
DOUBLE DRAGON II	PLATOON	XENON II


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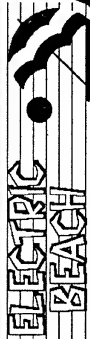
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January 1991



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17 Last Day for Newsletter Articles	18	19
20	21	22	23	24 N.O.A.H. Meeting 6:30 pm at AAA Video	25	26
27	28	29	31			



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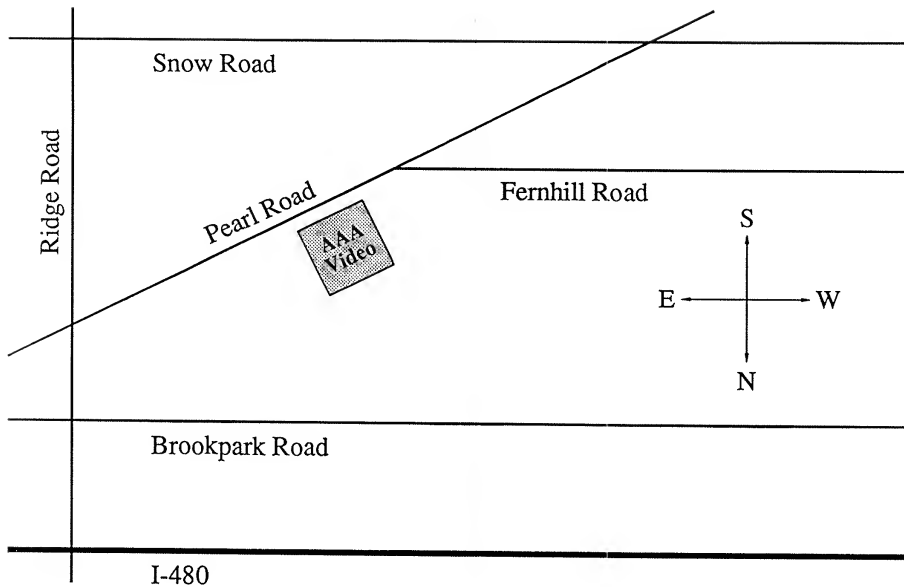
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